



TITLE: A METHOD AND APPARATUS FOR ENSURING THE INTEGRITY OF DATA
INVENTOR(S): John Apostolopoulos, Susie Wee
Attorney Docket #: 200312858-1

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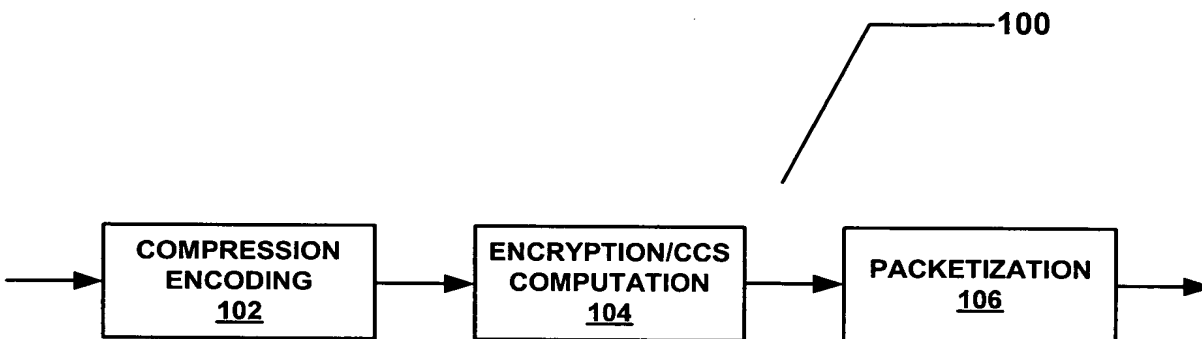


FIG. 1A



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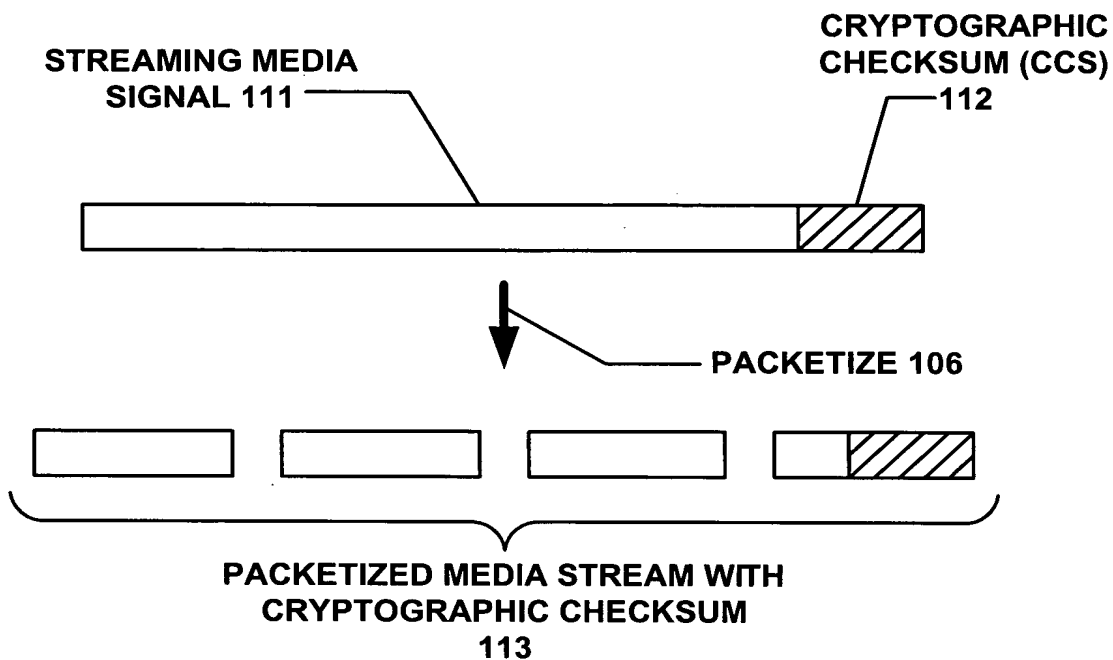


FIG. 1B



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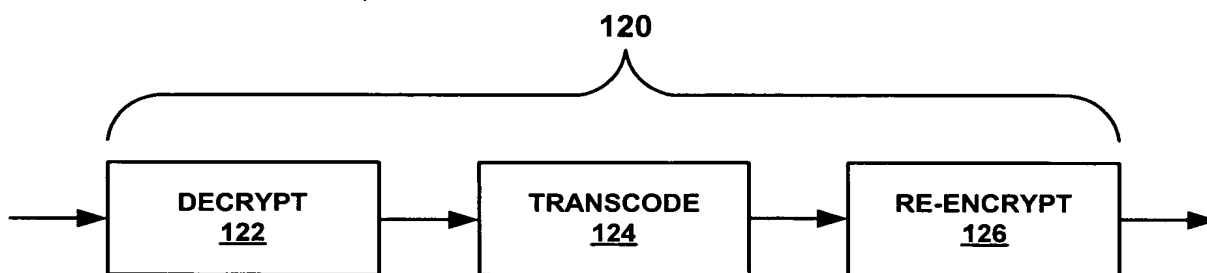


FIG. 1C



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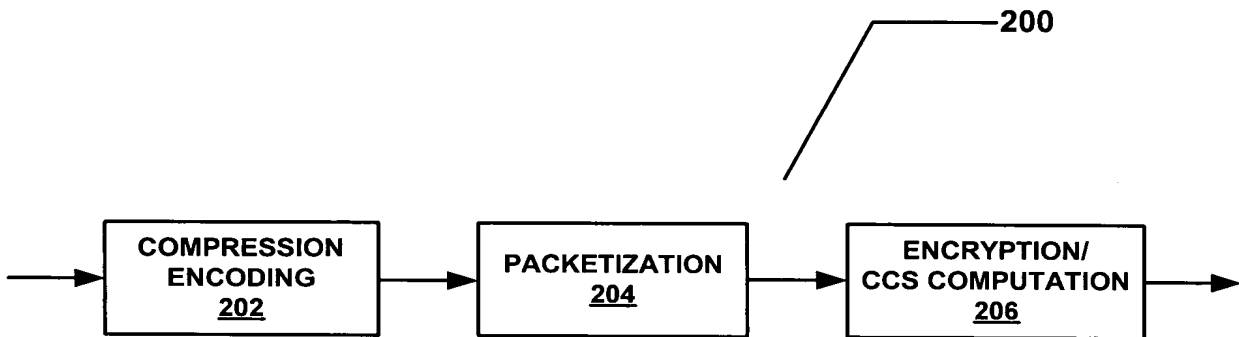


FIG. 2



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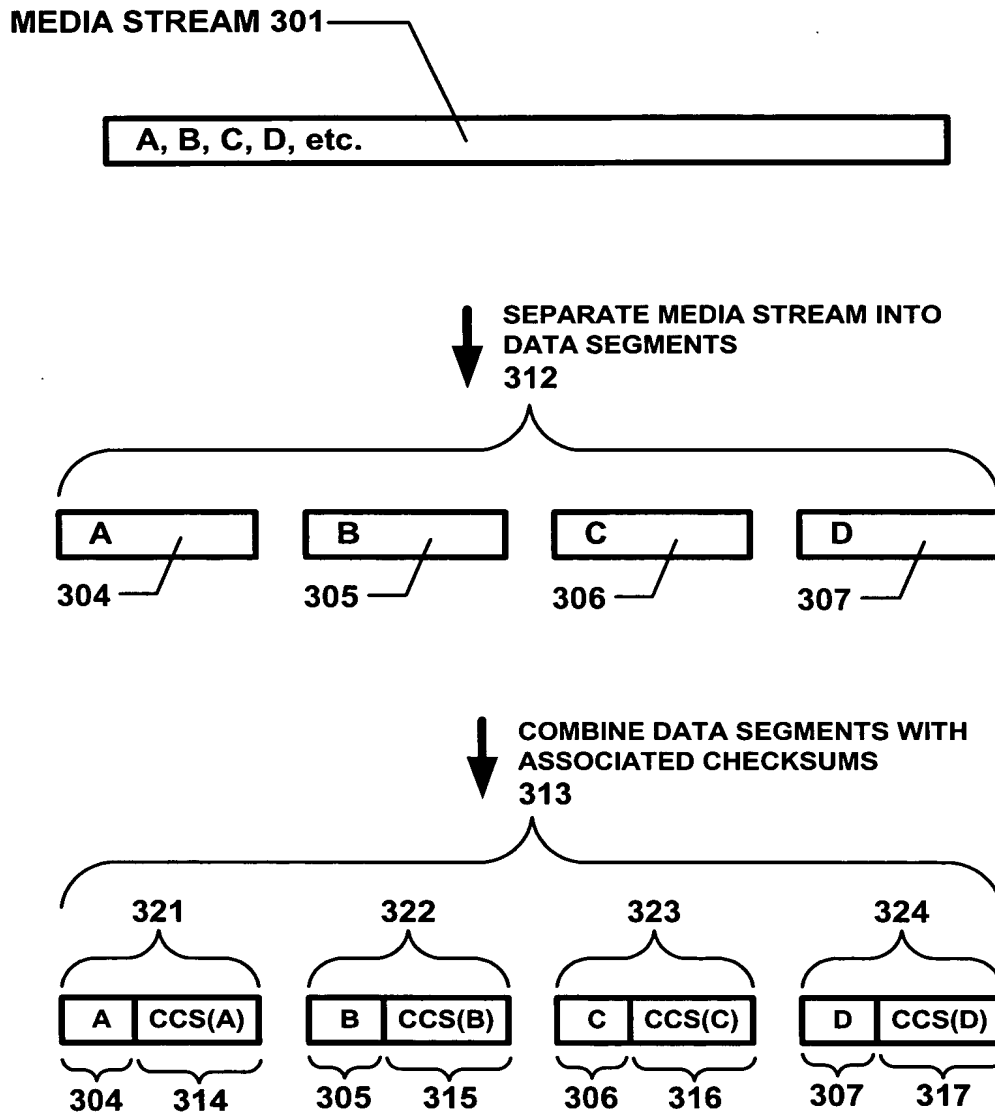


FIG. 3



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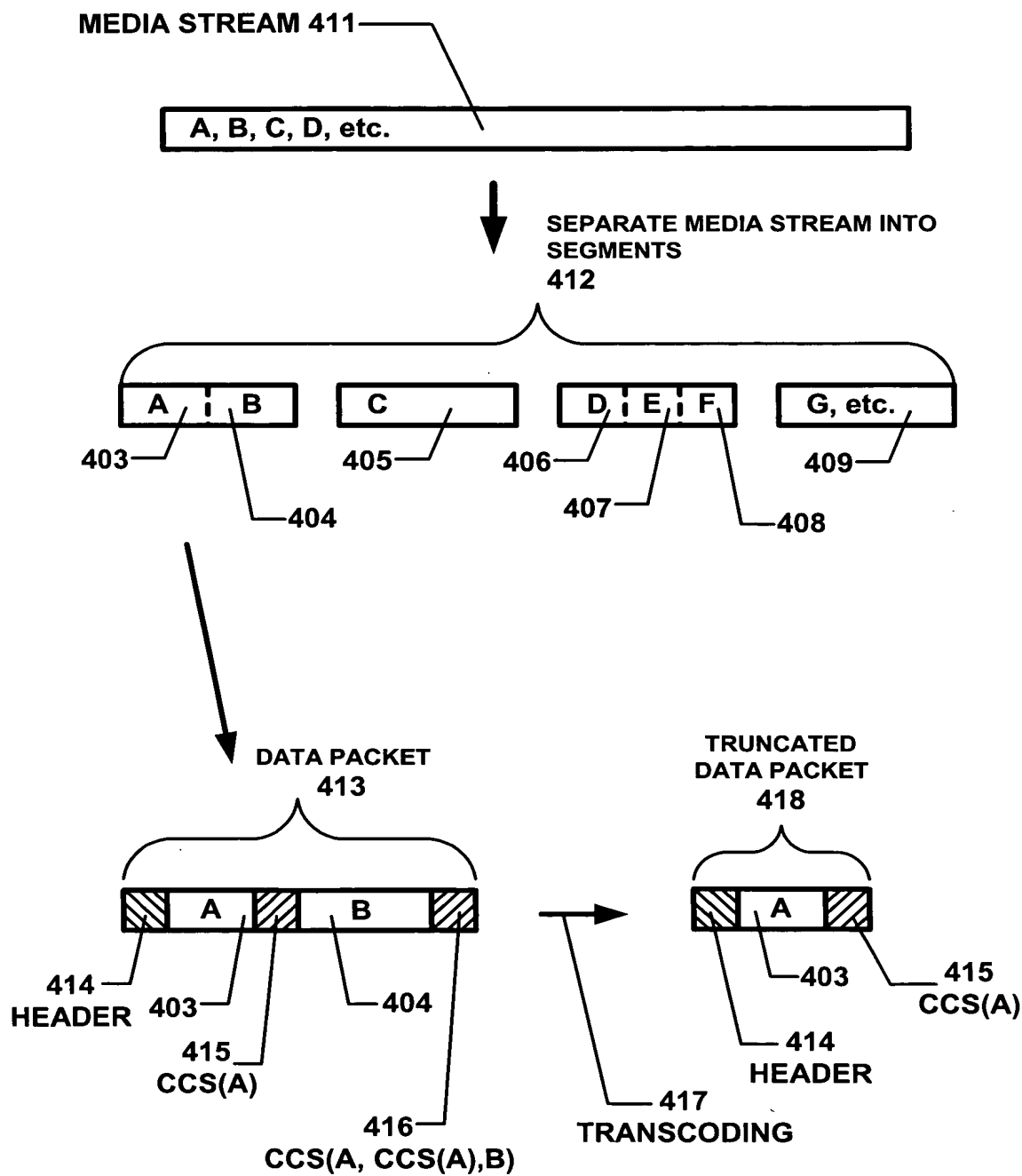


FIG. 4A



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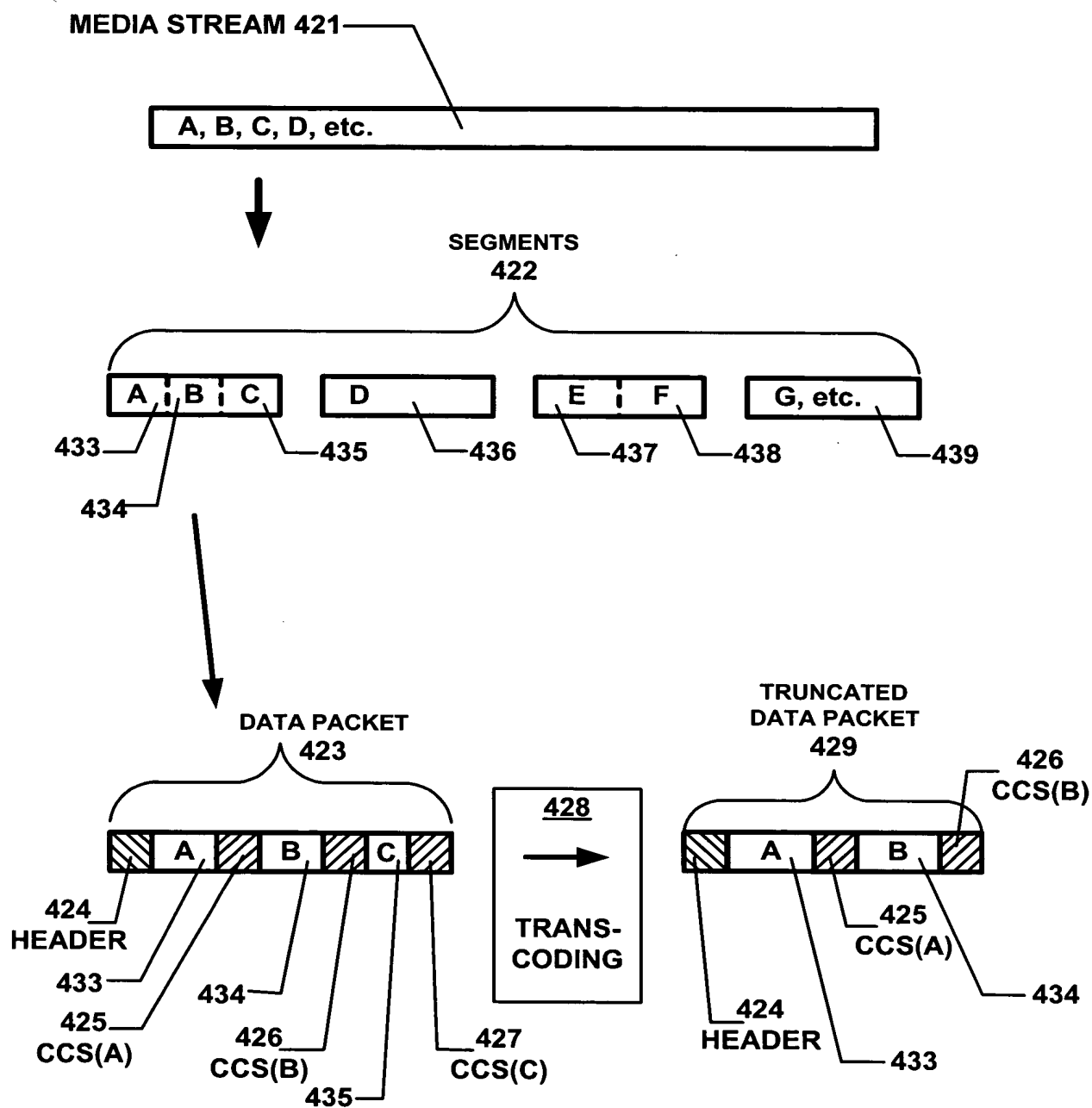
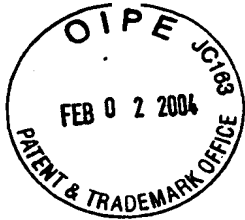


FIG. 4B



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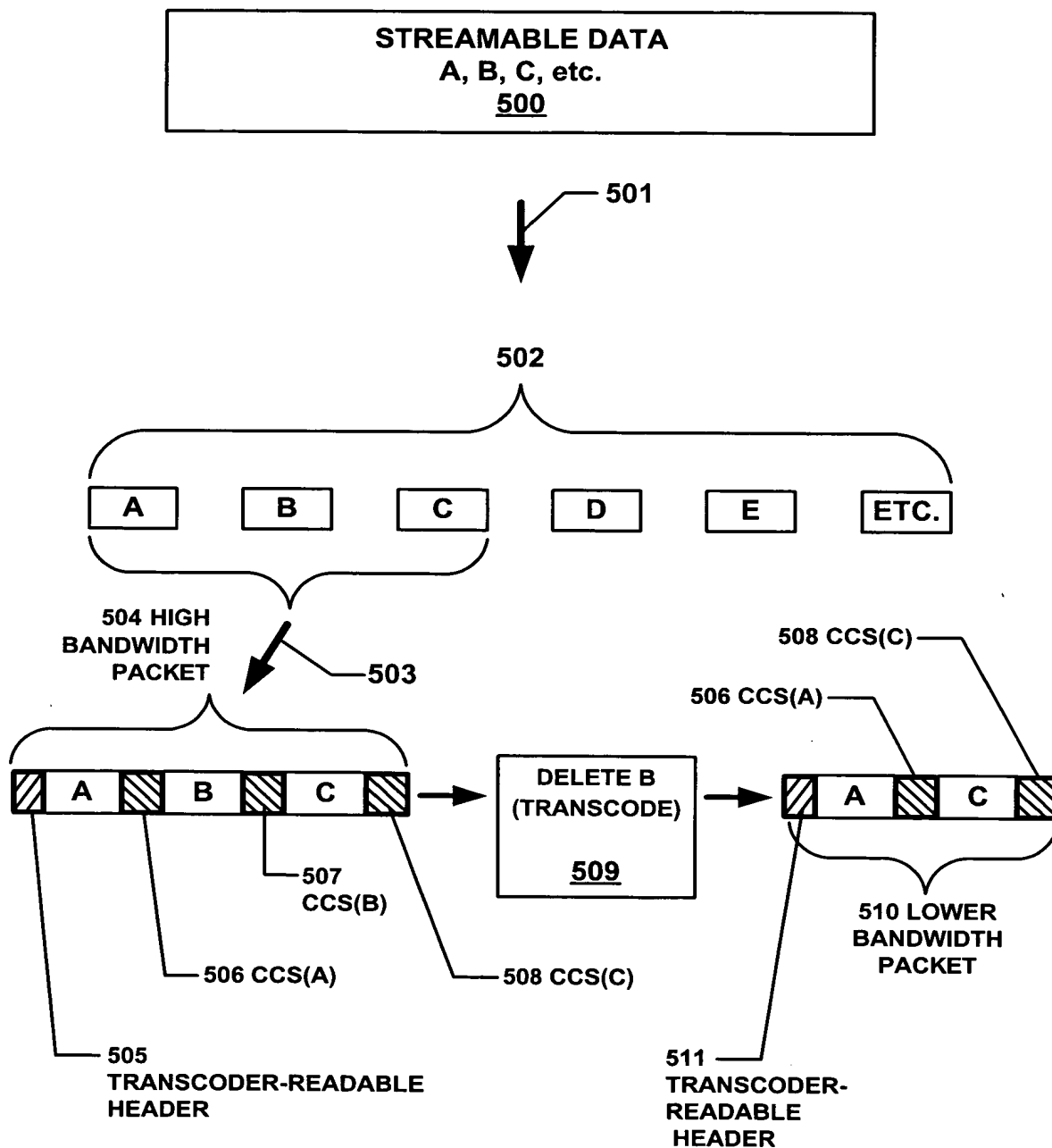


FIG. 5A



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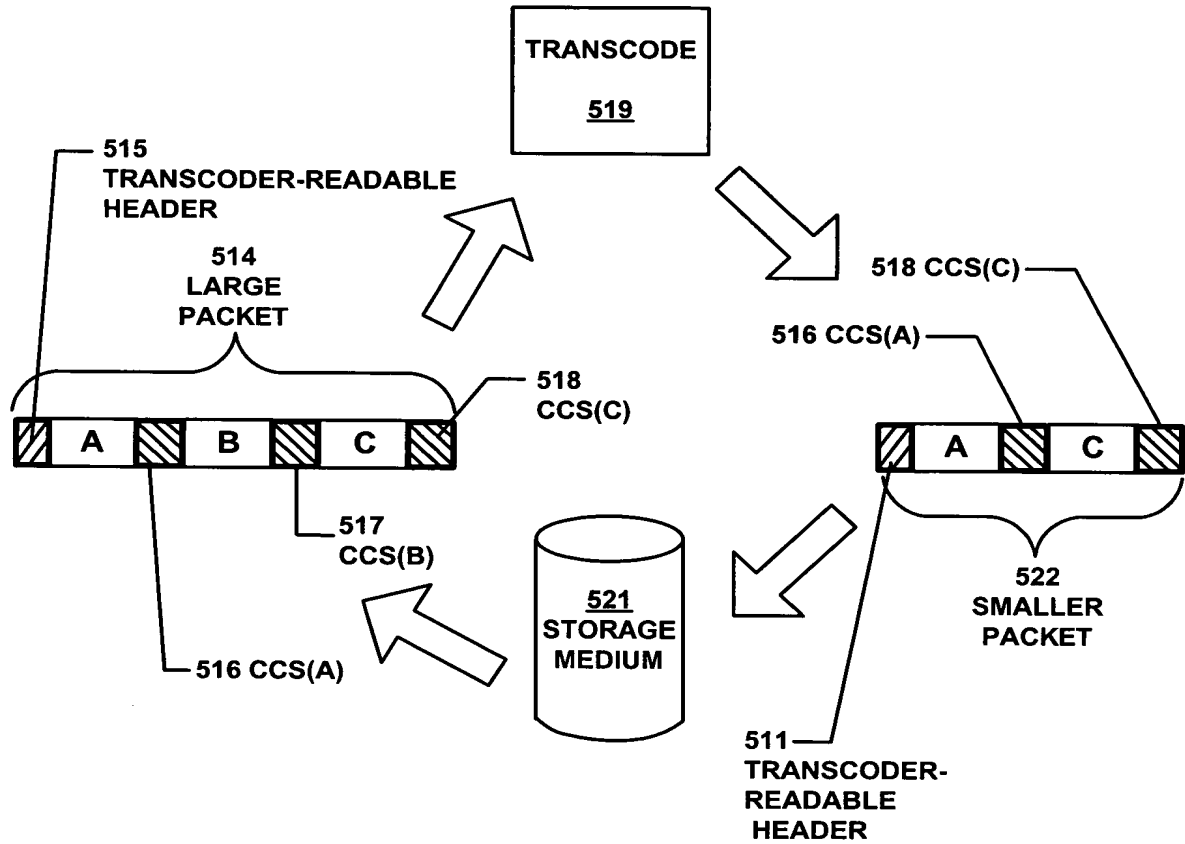


FIG. 5B



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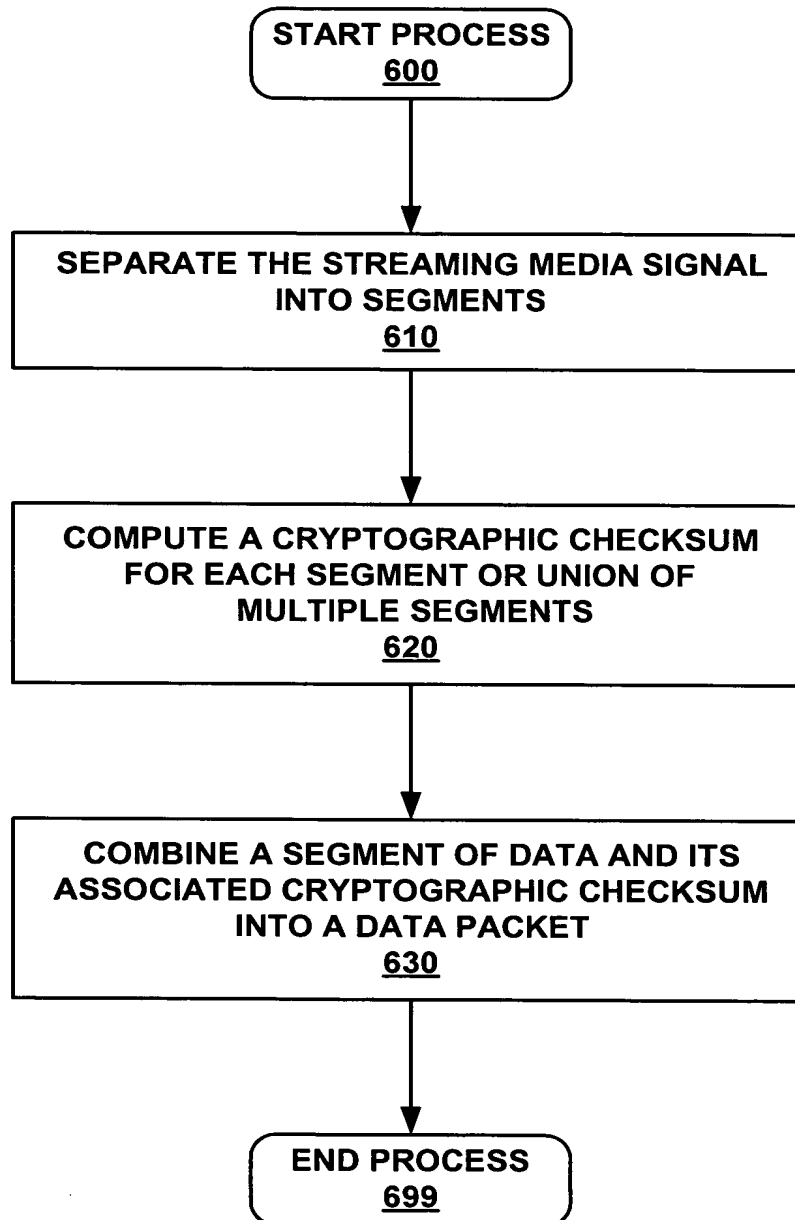


FIG. 6A



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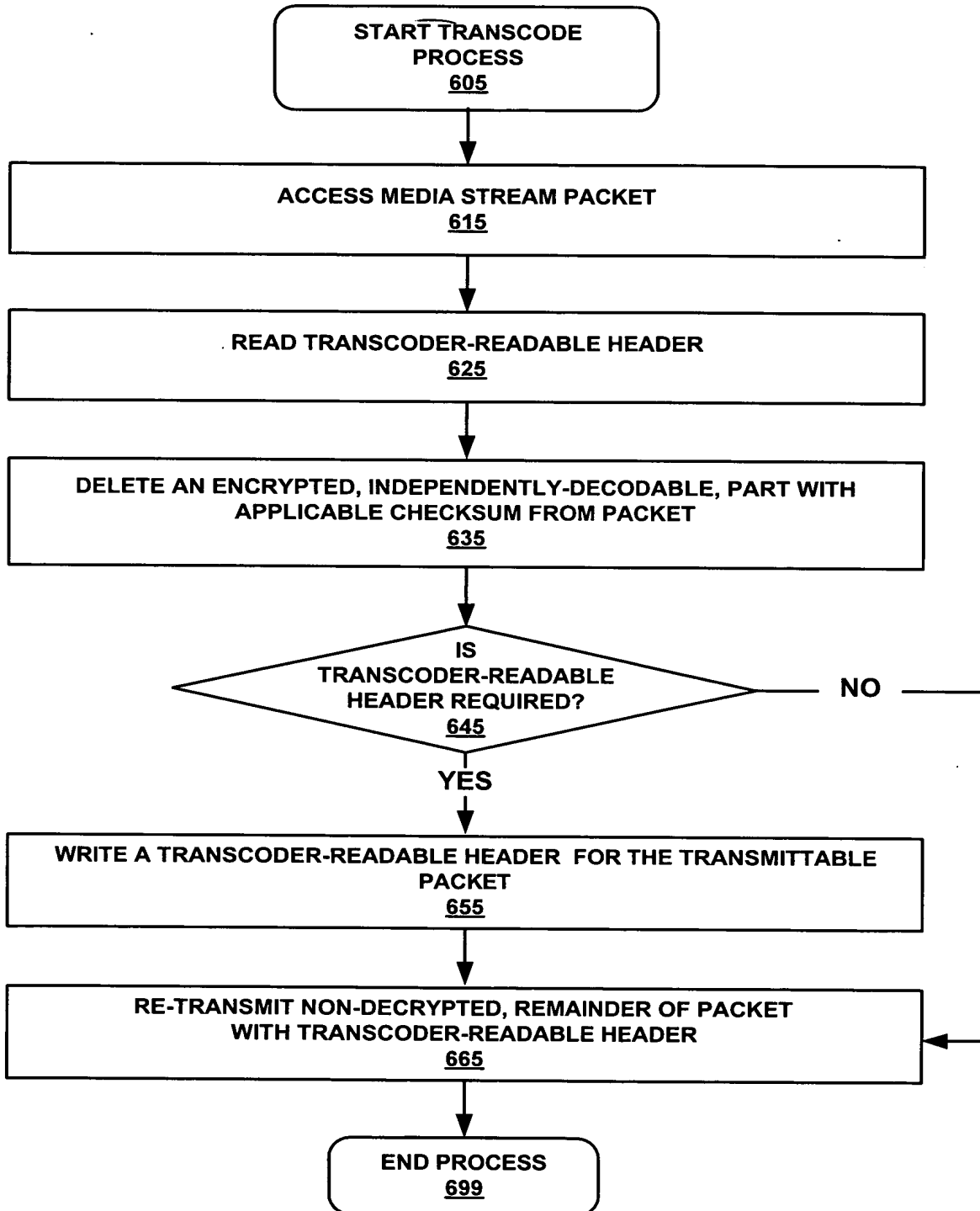


FIG. 6B



The diagram illustrates the generation of a PCCS (Perceptual Color Classification Scheme) from individual color samples. It shows a sequence of color samples (701 to 705) being processed into a PCCS (706).

Color samples (701 to 705) are represented as rows of three boxes each, containing color codes and labels:

- 701: 711 A1, 721 B1, 731 C1
- 702: 712 A2, 722 B2, 732 C2
- 703: 713 A3, 723 B3, 733 C3
- 704 [Pi]: 714 Ai, 724 Bi, 734 Ci
- 705 [Pn]: 715 An, 725 Bn, 735 Cn

Arrows indicate the flow from the color samples to the PCCS. The PCCS (706) is represented as a single row of three boxes, each containing a color code and a list of color samples:

- 716 CCS[A1, A2, ...An]
- 726 CCS[B1, B2, ...Bn]
- 736 CCS[C1, C2, ...Cn]

The PCCS is labeled 706 Pccs.

FIG. 7A



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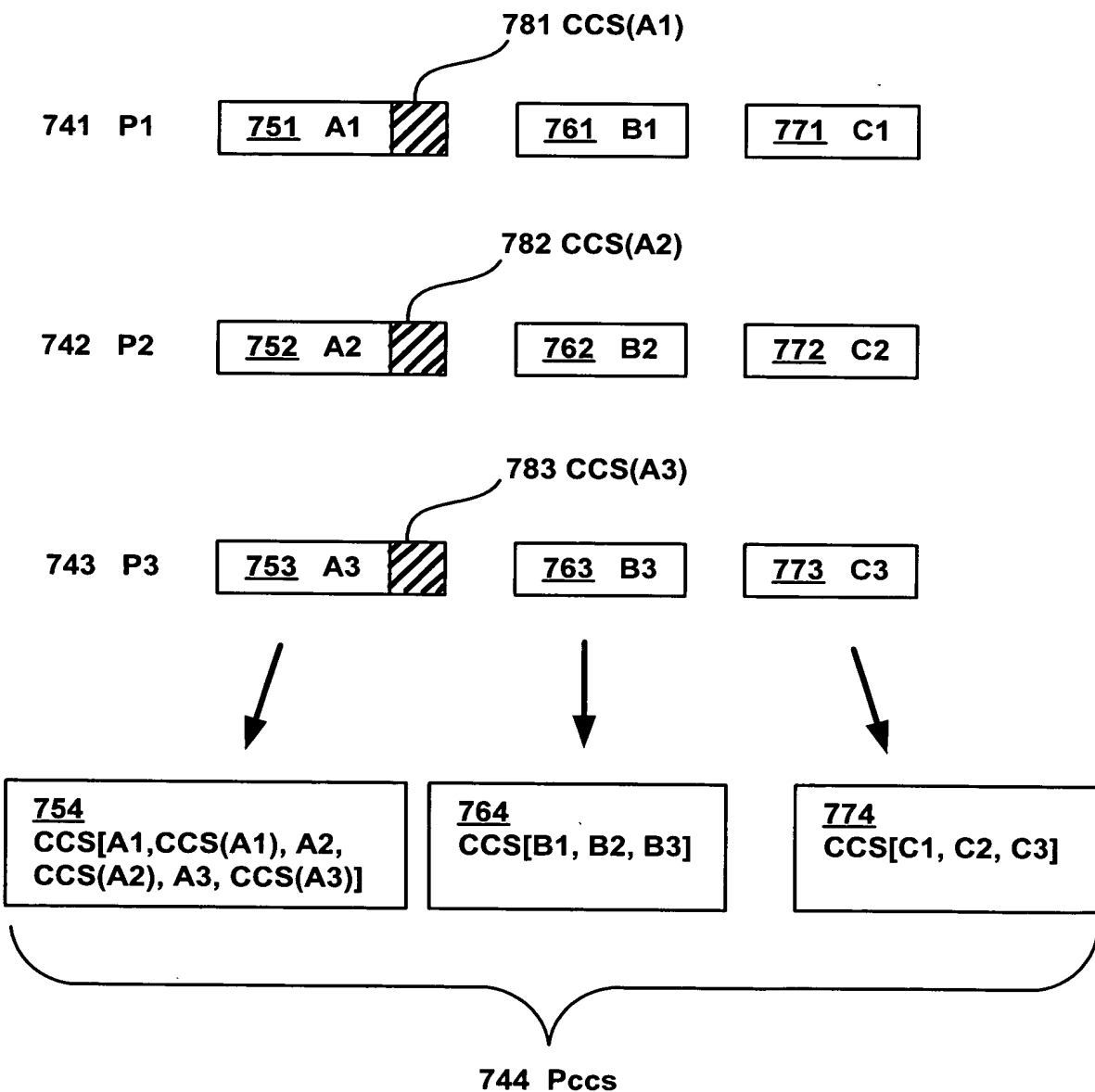


FIG. 7B



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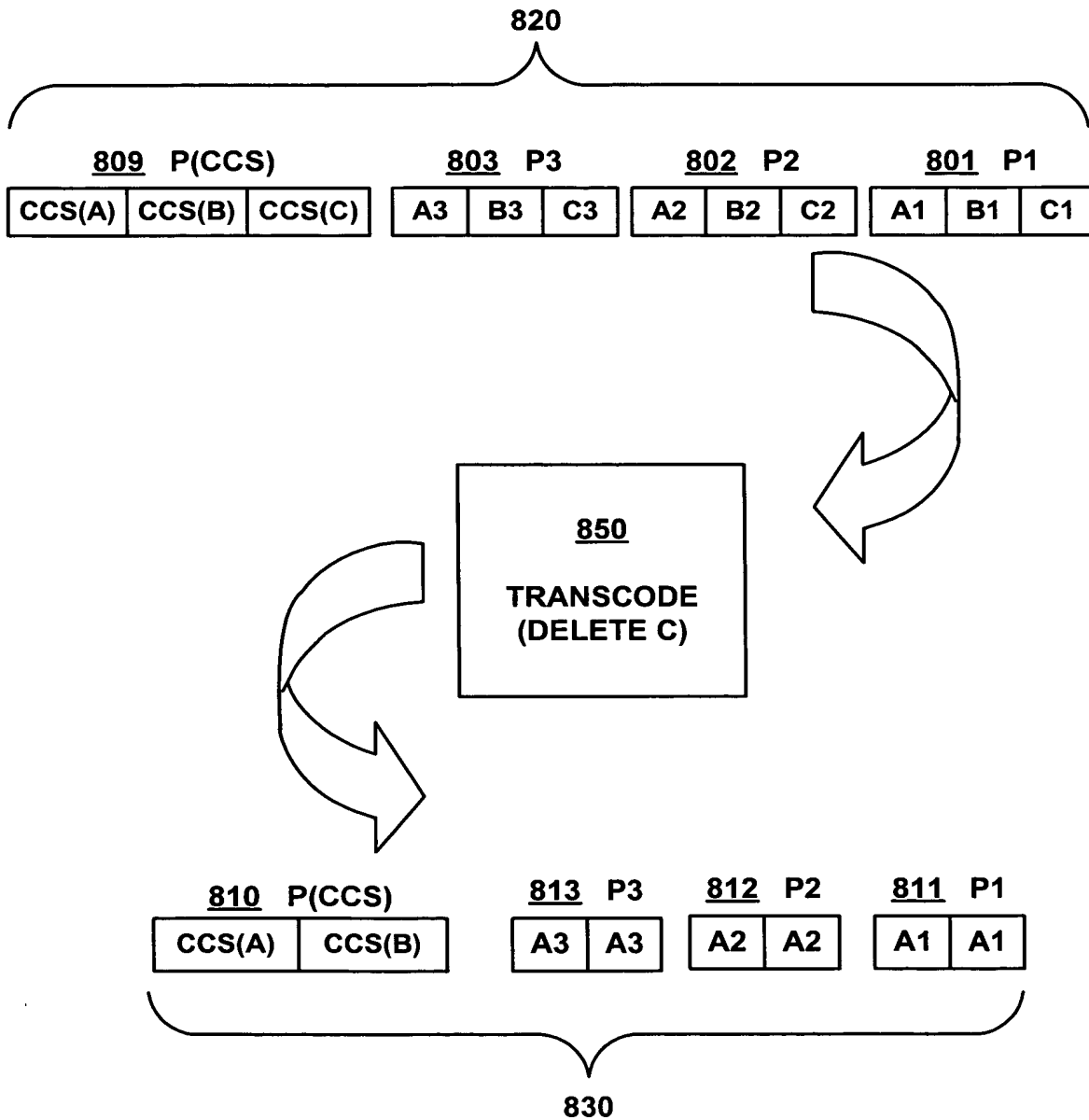


FIG. 8



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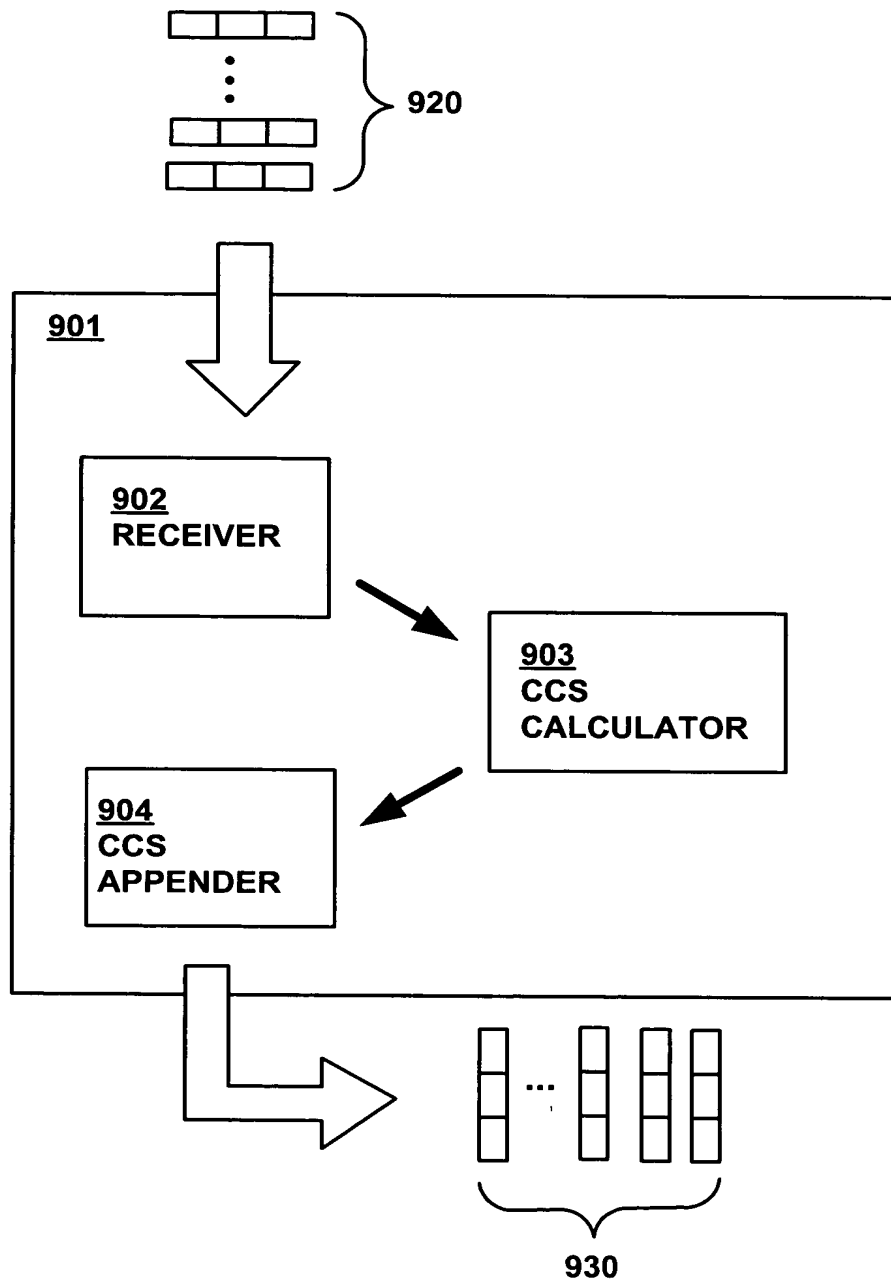


FIG. 9



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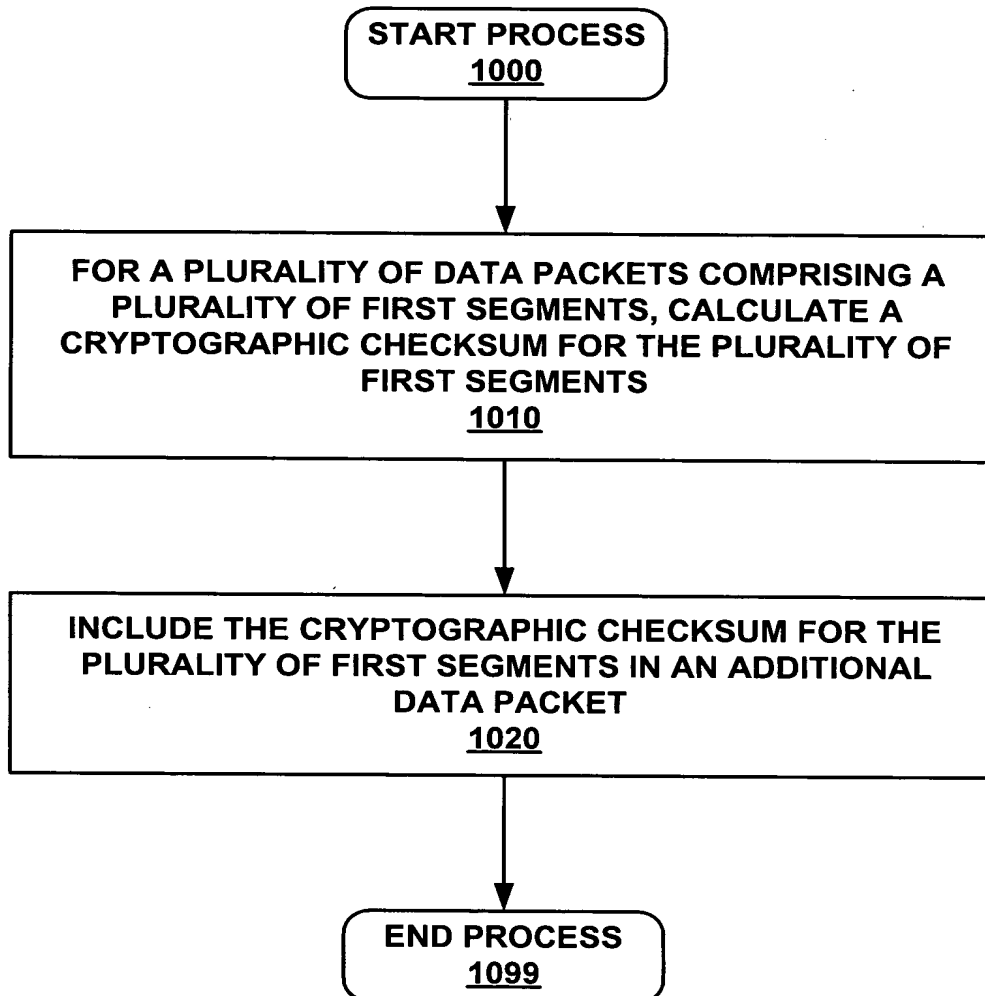


FIG. 10A



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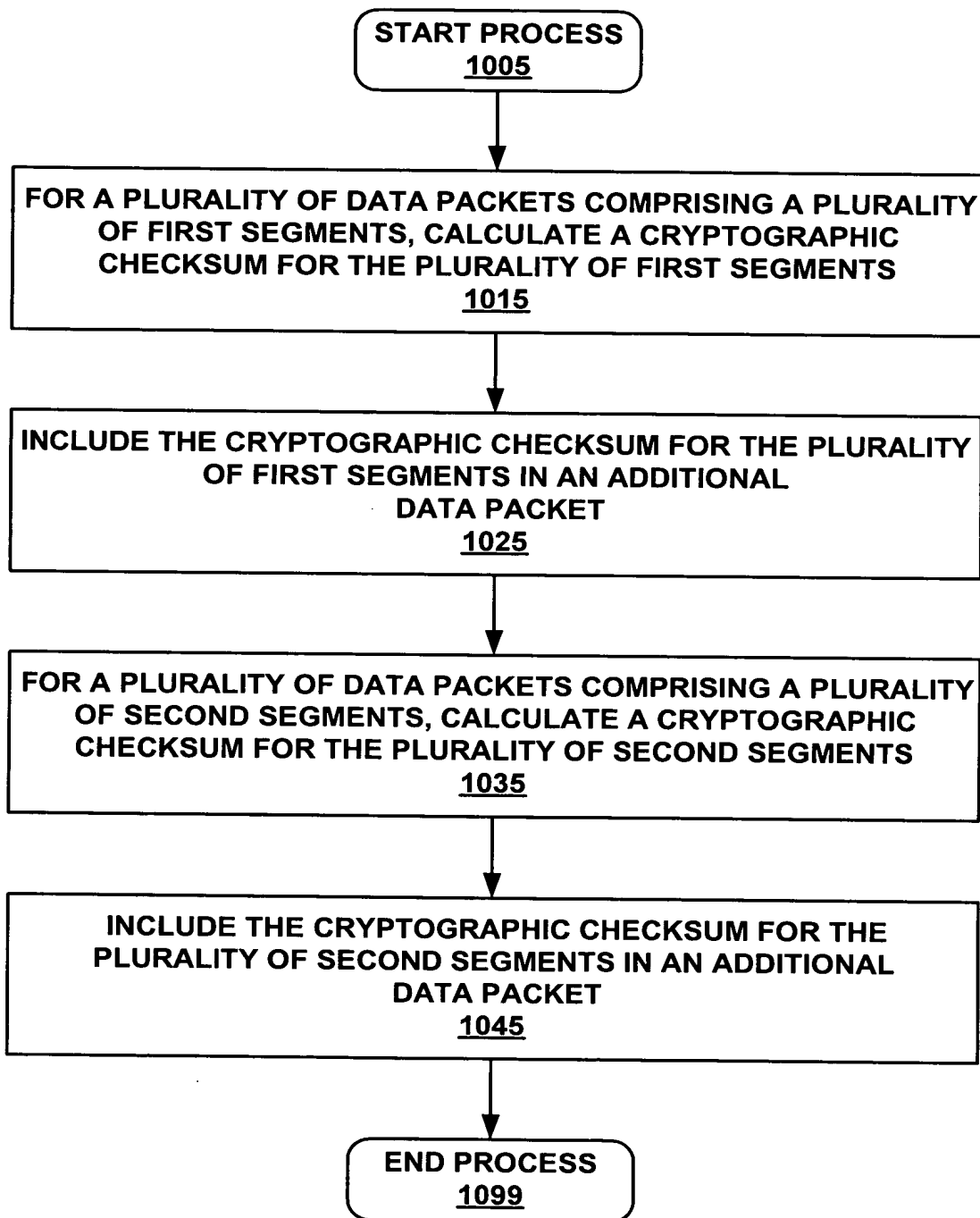


FIG. 10B

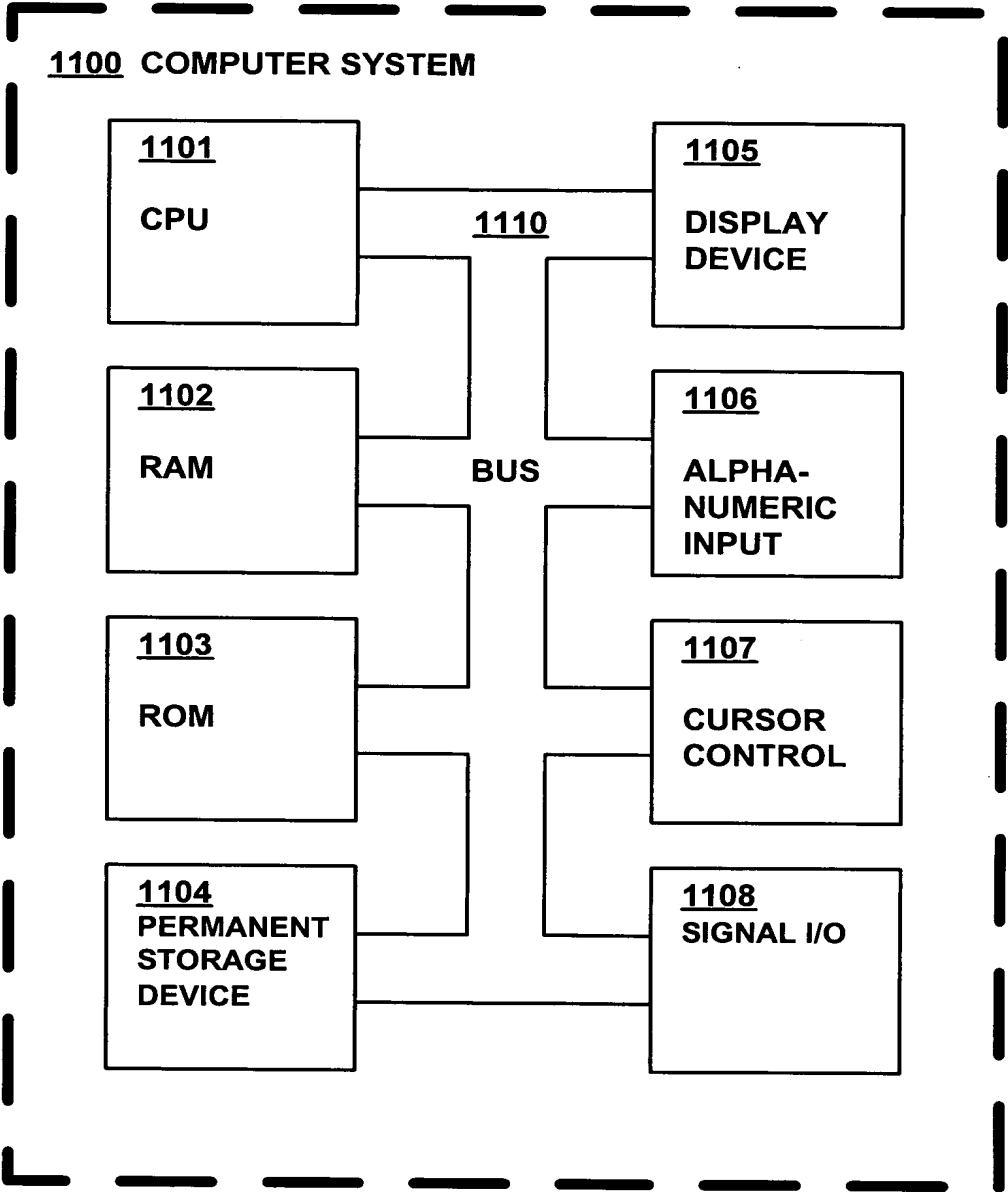


FIG. 11



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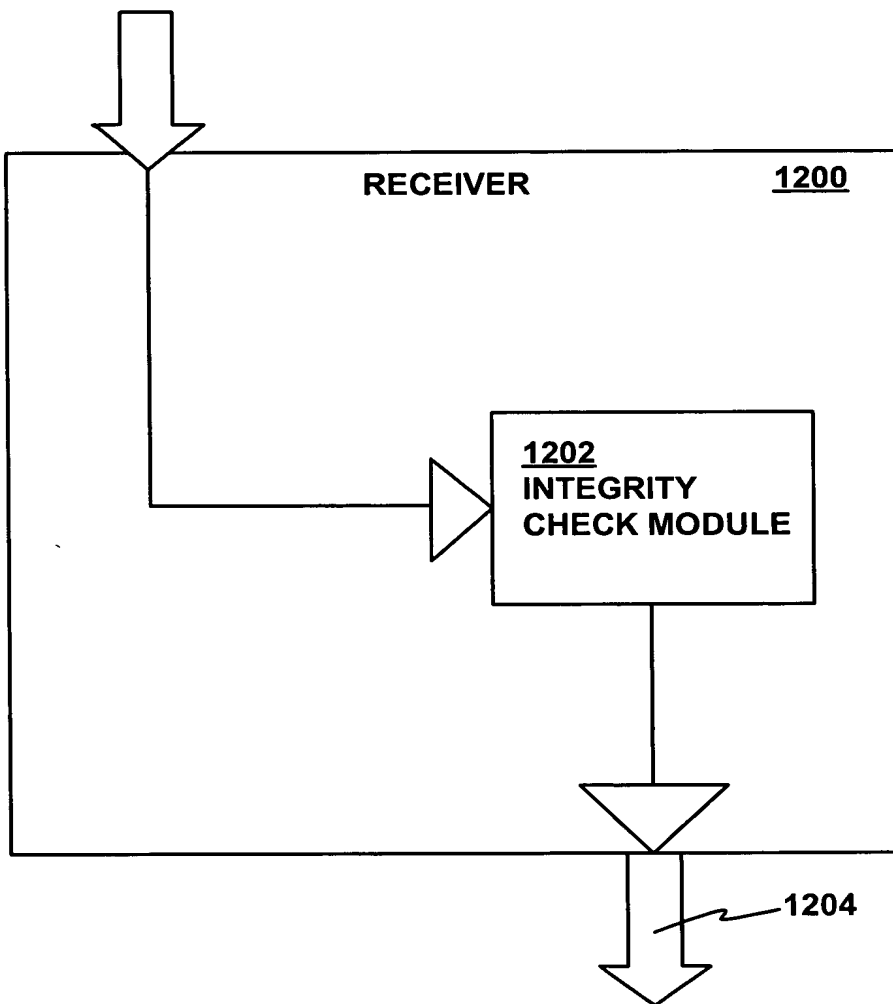


FIG. 12